

## **ENGINEERING TECHNICIAN (511-06)**

**SALARY: \$38,792.00 - \$52,166.40 annually, plus liberal fringe benefits**

### **THE POSITION**

This is sub-professional engineering work of average difficulty in the design, plan preparation, drafting, and review of smaller engineering projects, and in assisting engineers with various aspects of complex engineering projects.

An employee in this class is responsible for applying the principles, methods and techniques of civil engineering technology to perform a variety of work on engineering public works projects. Work includes engineering and legal research to determine the feasibility of proposed projects, preparation of complex construction drawings utilizing Computer Aided Design and Drafting (CADD) equipment, performing detailed calculations in the review of design projects, and the evaluation of field conditions.

Under general supervision employees in this class exercise reasonable initiative and independent judgment with a professional engineer available for assistance in handling difficult or unusual work situations. Work assignments are received from a superior and are reviewed while in progress and upon completion.

**NOTE:** The duties of this position will include all of those duties set forth in the official job description.

### **THE REQUIREMENTS**

1. Have successfully graduated from a standard high school or possess an acceptable G.E.D. certificate from a recognized issuing agency, preferably supplemented by college level courses in civil engineering, or closely related field.
2. Have at least three (3) years of varied progressively responsible technical engineering experience which includes experience in either the design, drafting development or construction of engineering projects. Some experience/training using AutoCAD Version 12 or other similar AutoCAD equipment is required. Experience with computer graphics software is preferred.

### **THE EXAMINATION**

Depending on the number of applicants and the quality of their education and experience, the examination may consist of one or more of the following tests: Evaluation of Training and Experience, Oral Interview, Written Examination, or other assessment method. Applicants must attain a minimum score of 70 in each part of the examination in order to qualify. All successful applicants will be required to pass a medical examination, including drug screening, prior to appointment.

**NOTE:** If the position warrants, candidates may be required to successfully pass a polygraph examination prior to employment.

**NOTE: ALL APPLICANTS MUST COMPLETE ATTACHED SUPPLEMENTAL QUESTIONNAIRE AS WELL AS THE STANDARD EMPLOYMENT APPLICATION.**

### **HOW TO APPLY**

**Application forms should be filled out completely and should clearly show that the minimum qualifications are met.** Eligibility for hire may be based on a rating of the application; therefore, completeness and accuracy are of the utmost importance. Official City of Fort Lauderdale applications will be accepted and received at the Department of Human Resources, City Hall, 100 North Andrews Avenue – 3<sup>rd</sup> Floor, Fort Lauderdale, Florida, open **continuously until sufficient applications have been received.**

**CITY OF FORT LAUDERDALE, FLORIDA  
SUPPLEMENTAL QUESTIONNAIRE FOR  
ENGINEERING TECHNICIAN (511- 06)**

**Instructions:** Answer all of the following questions in the space provided. You must answer these questions even though you may have provided some of this information on the standard employment application form.

- 1) Have you completed any college level course work in engineering or other closely related field?  
\_\_\_\_\_ Yes \_\_\_\_\_ No If "YES", list courses in the space provided below.

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- 2) AutoCAD Experience:

A) Rate your level of AutoCAD expertise based on the following scale (check the appropriate box):

☐

1 – Comprehensive AutoCAD job experience, knowledge, and training

☐

2 – Considerable AutoCAD job experience, knowledge and training

☐

3 – Limited AutoCAD job experience, knowledge and training

☐

4 – Completed formal training on AutoCAD but have no practical experience

☐

5 – No knowledge or training in AutoCAD

- B) Indicate below the version(s) of AutoCAD software on which you have practical experience and indicate where (employer's name) you obtained this experience. Describe the scope and extent of your AutoCAD experience. If additional space is needed, attach additional sheets.

- C) Provide two examples of projects you designed/drafted using AutoCAD software. Include these materials with your application package and describe your specific role with each project.

3) Do you have any work experience in using computer graphics software packages to develop presentation style drawings of engineering projects including such visual aids as slides, maps, charts, and graphs?

\_\_\_\_\_ Yes \_\_\_\_\_ No If "Yes", describe your applicable experience in the space provided below.

Attach additional sheets if more space is needed.

4) List completely your technical engineering experience on the standard employment application form. Use the space provided below to describe any other technical engineering experience, training, etc., you possess which is relevant to this position which you have not included elsewhere in your application materials. Attach additional sheets if more space is needed.

***My signature affirms that all information contained in the questionnaire is true to the best of my knowledge and that any misstatement of fact may result in disqualification or dismissal.***

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**(SIGNATURE NOT REQUIRED IF ATTACHED TO EMPLOYMENT APPLICATION AND SUBMITTED ELECTRONICALLY THROUGH THE CITY'S ON-LINE APPLICATION WEBSITE)**